

OPE 0280
#2
1/22/2002Serial Number: 10/029,079**ENTERED**

CRF Processing Date:

Edited by:

Verified by:

1/22/2002
A (STIC staff)

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____.

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file;
 page numbers throughout text; other invalid text, such as _____.

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

Other:



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/029,079

DATE: 01/22/2002
TIME: 19:34:01

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\01222002\J029079.raw

3 <110> APPLICANT: Clevenger, Charles V
4 Kline, J. Bradford
6 <120> TITLE OF INVENTION: Composition and Method for Modulating Somatolactogenic Function
8 <130> FILE REFERENCE: PENN-0795
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/029,079
C--> 10 <141> CURRENT FILING DATE: 2001-12-21
10 <150> PRIOR APPLICATION NUMBER: 60/258,285
11 <151> PRIOR FILING DATE: 2000-12-22
13 <160> NUMBER OF SEQ ID NOS: 4
15 <170> SOFTWARE: PatentIn version 3.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 22
19 <212> TYPE: DNA
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Synthetic
25 <400> SEQUENCE: 1
26 cgaattccag ttacccctg ga 22
29 <210> SEQ ID NO: 2
30 <211> LENGTH: 24
31 <212> TYPE: DNA
32 <213> ORGANISM: Artificial Sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: Synthetic
37 <400> SEQUENCE: 2
38 gctcgagtca tgtatcattc tggt 24
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 210
43 <212> TYPE: PRT
44 <213> ORGANISM: Homo sapien
46 <400> SEQUENCE: 3
48 Met Lys Glu Asn Val Ala Ser Ala Thr Val Phe Thr Leu Leu Leu Phe
49 1 5 10 15
52 Leu Asn Thr Cys Leu Leu Asn Gly Gln Leu Pro Pro Gly Lys Pro Glu
53 20 25 30
56 Ile Phe Lys Cys Arg Ser Pro Asn Lys Glu Thr Phe Thr Cys Trp Trp
57 35 40 45
60 Arg Pro Gly Thr Asp Gly Gly Leu Pro Thr Asn Tyr Ser Leu Thr Tyr
61 50 55 60
64 His Arg Glu Gly Glu Thr Leu Met His Glu Cys Pro Asp Tyr Ile Thr
65 65 70 75 80
68 Gly Gly Pro Asn Ser Cys His Phe Gly Lys Gln Tyr Thr Ser Met Trp
69 85 90 95

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72 Arg Thr Tyr Ile Met Met Val Asn Ala Thr Gln Met Gly Ser Ser Phe
 73 100 105 110
 76 Ser Asp Glu Leu Tyr Val Asp Val Thr Tyr Ile Val Gln Pro Asp Pro
 77 115 120 125
 80 Pro Leu Glu Leu Ala Val Glu Val Lys Gln Pro Glu Asp Arg Lys Pro
 81 130 135 140
 84 Tyr Leu Trp Ile Lys Trp Ser Pro Pro Thr Leu Ile Asp Leu Lys Thr
 85 145 150 155 160
 88 Gly Trp Phe Thr Leu Leu Tyr Glu Ile Arg Leu Lys Pro Glu Lys Ala
 89 165 170 175
 92 Ala Glu Trp Glu Ile His Phe Ala Gly Gln Gln Thr Glu Phe Lys Ile
 93 180 185 190
 96 Leu Ser Leu His Pro Gly Gln Lys Tyr Leu Val Gln Val Arg Cys Lys
 97 195 200 205
 100 Pro Asp
 101 210
 104 <210> SEQ ID NO: 4
 105 <211> LENGTH: 633
 106 <212> TYPE: DNA
 107 <213> ORGANISM: Homo sapien
 109 <400> SEQUENCE: 4
 110 atgaaggaaa atgtggcatc tgcaaccgtt ttcaactctgc tacttttctt caacacctgc 60
 112 cttctgaatg gacagttacc tcctggaaaa cctgagatct ttaaatgtcg ttctccaat 120
 114 aaggaaacat tcacctgctg gtggaggcct gggacagatg gaggacttcc taccattat 180
 116 tcactgactt accacaggga aggagagaca ctcatgcatg aatgtccaga ctacataacc 240
 118 ggtggccca actcctgcca ctttggcaag cagtagcacct ccatgtggag gacatacatc 300
 120 atgatggtca atgccactaa ccagatggga agcagttctt cggatgaact ttatgtggac 360
 122 gtgacttaca tagttcagcc agaccctcct ttggagctgg ctgtggaagt aaaacagcca 420
 124 gaagacagaa aacccttaccc gtggattaaa tggtctccac ctaccctgat tgactaaaa 480
 126 actgggtggt tcacgctcct gtatgaaatt cgattaaaac ccgagaaagc agctgagtgg 540
 128 gagatccatt ttgctggca gcaaacagag tttaagattc tcagcctaca tccaggacag 600
 130 aaataccttgc tccaggttgc ctgcaaccca gac 633

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/029,079

DATE: 01/22/2002

TIME: 19:34:02

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01222002\J029079.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date